

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	S01448/70001 JNA
	First Named Inventor or Application Identifier	
	Thomas J. Awad, et al.	
	Express Mail Label No.	EL844511530US
	Date of Deposit	August 8, 2001

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents</i>	<b>ADDRESS TO:</b> <b>Box Patent Application</b> Commissioner for Patents Washington, DC 20231
1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i>  2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.  3. <input checked="" type="checkbox"/> Specification [Total pages 44]  33 - pages description 1 - pages abstract 10 - page claims                      32 - Total claims  4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total sheets 8] <input type="checkbox"/> Informal <input checked="" type="checkbox"/> Formal    [Total drawings 9]  5. <input checked="" type="checkbox"/> Oath or Declaration [Total pages 4] a. <input checked="" type="checkbox"/> Newly executed (copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 19 completed)</i> [Note Box 6 below] i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. <input type="checkbox"/> Incorporation by Reference <i>(usable if Box 5b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. See 19.  7. <input type="checkbox"/> Application Data Sheet, See 37 CFR 1.76	8. <input type="checkbox"/> CD-ROM or CD-R, in duplicate, large table or Computer Program (Appendix)  9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies  <b>ACCOMPANYING APPLICATION PARTS</b>  10. <input checked="" type="checkbox"/> Assignment Papers/cover sheet & documents(s)  11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney  12. <input type="checkbox"/> English Translation of Document <i>(if applicable)</i>  13. <input checked="" type="checkbox"/> Information Disclosure Statement PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations  14. <input type="checkbox"/> Preliminary Amendment  15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>  16. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>  17. <input type="checkbox"/> Request and Certification Under 35 U.S.C. §122(b)(2)(B)(ii)  18. <input type="checkbox"/> Other: _____ _____ _____

19. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below or in the body of the application, or a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. , filed on , entitled " " and .

**Prior application information:**      **Examiner.**      **Group Art Unit:**

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

20. CORRESPONDENCE ADDRESS

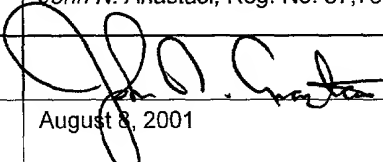
Correspondence address below

CUSTOMER NUMBER:



**23628**

21. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME	John N. Anastasi, Reg. No. 37,765
SIGNATURE	
DATE	August 8, 2001

Date of Deposit: August 8, 2001

Attorney Docket No. S01448/70001 JNA

Inventor or Identifier: Thomas J. Awad, et al.

Serial No: ---

Filed: Herewith

CHECK BOX, if applicable:

For: Method and Apparatus for Generating a Set of Filter  
Coefficients for a Time Updated Adaptive Filter☐ **DUPLICATE**

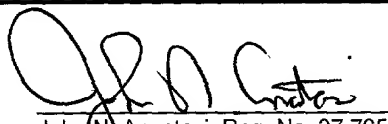
## Fee Calculation Sheet

CLAIMS	FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
	TOTAL CLAIMS (37 CFR 1.16(c))	32-20=	12 x	\$18	= \$ 216.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	5 -3=	2 x	\$80	= \$ 160.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) +			\$260	= \$
				BASIC FEE (37 CFR 1.16(a))	\$ 710.00
	Total of above Calculations =				\$ 1086.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).				\$ 543.00
	Assignment Recordation Fee (if any)				\$ 40.00
	Other Fees (if any).				\$
	TOTAL =				\$ 583.00

1. No check is enclosed.

## General Authorization to Charge Deposit Account and General Request for Extension of Time

2. a. ☒ If the filing of any paper in this application necessitates the payment of a fee under 37 CFR §§ ☒ 1.16 ☒ 1.17, and the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.
- b. ☐ The applicant hereby revokes any prior authorization to charge a fee due under 37 CFR §§ ☐ 1.16 ☐ 1.17 or ☐ 1.18.
3. If the filing of any paper in this application necessitates an extension of time under 37 CFR §1.136(a), the applicant hereby requests such extension of time. If the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.

  
 John N. Anastasi, Reg. No. 37,765  
 Wolf, Greenfield & Sacks, P.C.  
 600 Atlantic Avenue  
 Boston, MA 02210-2211  
 (617) 720-3500

Docket No. S01448/70001 JNA  
 Date: August 8, 2001